

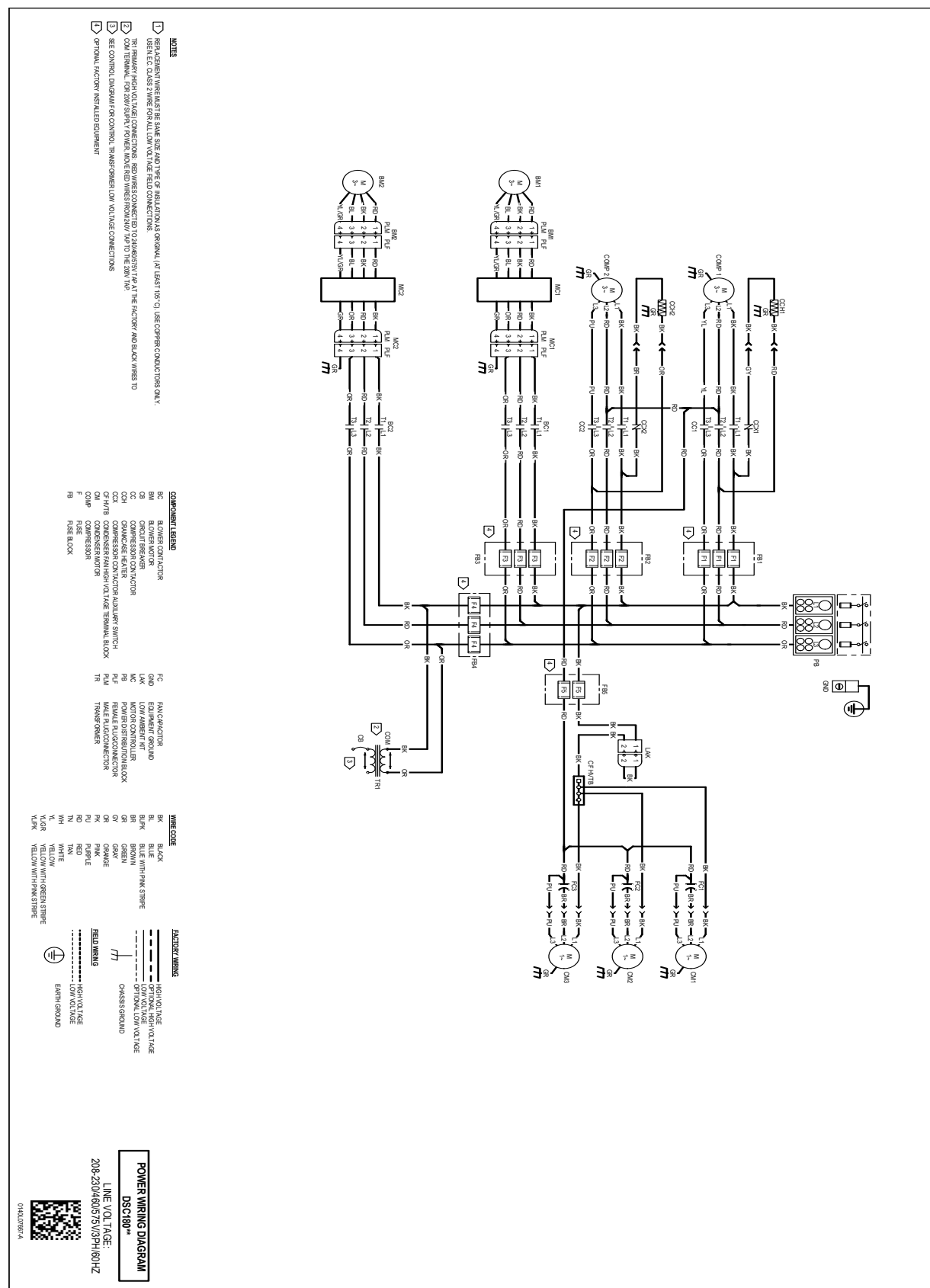
MODEL NUMBER	ELECTRICAL RATING	COMPRESSOR			OUTDOOR FAN MOTOR			INDOOR FAN MOTOR			OPTIONAL ELECTRIC HEAT			OPTIONAL POWERED CONVENIENCE OUTLET	OPTIONAL POWER EXHAUST	OPTIONAL POWER EXHAUST (MODULATING)	POWER SUPPLY	
		QTY	RLA	LRA	QTY	HP	FLA	QTY	HP	FLA	PART #	KW*	FLA	FLA	FLA	FLA	MCA	MOP
DSC3004D	460/3/60	2	20.5	147	5	0.5	1.4	2	5.0	10.6	-	-	-	-	-	-	74.3	90
											-	-	-	-	2.4	-	76.7	90
											-	-	-	-	-	8.1	82.4	100
											-	-	-	4.3	-	-	78.6	90
											-	-	-	4.3	2.4	-	81.0	100
											-	-	-	4.3	-	8.1	86.7	100
											EH**-4L30	28.8	34.6	-	-	-	74.3	90
														-	2.4	-	76.7	90
														-	-	8.1	82.4	100
														4.3	-	-	78.6	90
														4.3	2.4	-	81.0	100
														4.3	-	8.1	86.7	100
											EH**-4L45	43.2	52.0	-	-	-	91.5	100
														-	2.4	-	94.5	100
														-	-	8.1	102	110
														4.3	-	-	96.8	100
														4.3	2.4	-	99.8	100
														4.3	-	8.1	107	110
											EH**-4L60	57.6	69.3	-	-	-	95.8	100
														-	2.4	-	98.8	100
														-	-	8.1	106	110
														4.3	-	-	101	110
														4.3	2.4	-	104	110
														4.3	-	8.1	111	125
											EH**-4L75	72.0	86.6	-	-	-	113	125
														-	2.4	-	116	125
														-	-	8.1	123	125
														4.3	-	-	118	125
														4.3	2.4	-	121	125
														4.3	-	8.1	129	150
DSC3004W	460/3/60	2	20.5	147	5	0.5	1.4	2	5.0	10.6	-	-	-	-	-	-	74.3	90
											-	-	-	-	2.4	-	76.7	90
											-	-	-	-	-	8.1	82.4	100
											-	-	-	4.3	-	-	78.6	90
											-	-	-	4.3	2.4	-	81.0	100
											-	-	-	4.3	-	8.1	86.7	100
											EH**-4L30	28.8	34.6	-	-	-	74.3	90
														-	2.4	-	76.7	90
														-	-	8.1	82.4	100
														4.3	-	-	78.6	90
														4.3	2.4	-	81.0	100
														4.3	-	8.1	86.7	100
											EH**-4L45	43.2	52.0	-	-	-	91.5	100
														-	2.4	-	94.5	100
														-	-	8.1	102	110
														4.3	-	-	96.8	100
														4.3	2.4	-	99.8	100
														4.3	-	8.1	107	110
											EH**-4L60	57.6	69.3	-	-	-	95.8	100
														-	2.4	-	98.8	100
														-	-	8.1	106	110
														4.3	-	-	101	110
														4.3	2.4	-	104	110
														4.3	-	8.1	111	125
											EH**-4L75	72.0	86.6	-	-	-	113	125
														-	2.4	-	116	125
														-	-	8.1	123	125
														4.3	-	-	118	125
														4.3	2.4	-	121	125
														4.3	-	8.1	129	150

MODEL NUMBER	ELECTRICAL RATING	COMPRESSOR			OUTDOOR FAN MOTOR			INDOOR FAN MOTOR			OPTIONAL ELECTRIC HEAT			OPTIONAL POWERED CONVENIENCE OUTLET	OPTIONAL POWER EXHAUST	OPTIONAL POWER EXHAUST (MODULATING)	POWER SUPPLY	
		QTY	RLA	LRA	QTY	HP	FLA	QTY	HP	FLA	PART #	KW*	FLA	FLA	FLA	FLA	MCA	MOP
DSC3007D	575/3/60	2	13.8	109	5	0.5	1.0	2	5.0	7.2	-	-	-	-	-	-	50.4	60
											-	-	-	-	2.0	-	52.4	60
											-	-	-	-	-	8.3	58.7	70
											-	-	-	3.5	-	-	53.9	60
											-	-	-	3.5	2.0	-	55.9	60
											-	-	-	3.5	-	8.3	62.2	70
											EH**-7L30	28.8	27.7	-	-	-	52.6	60
														-	2.0	-	55.1	60
														-	-	8.3	63.0	70
														3.5	-	-	57.0	60
														3.5	2.0	-	59.5	60
														3.5	-	8.3	67.4	70
											EH**-7L45	43.2	41.6	-	-	-	70.0	70
														-	2.0	-	72.5	80
														-	-	8.3	80.3	90
														3.5	-	-	74.3	80
														3.5	2.0	-	76.8	80
														3.5	-	8.3	84.7	90
											EH**-7L60	57.6	55.4	-	-	-	73.4	80
														-	2.0	-	75.9	80
														-	-	8.3	83.8	90
														3.5	-	-	77.8	80
														3.5	2.0	-	80.3	90
														3.5	-	8.3	88.2	90
											EH**-7L75	72.0	69.3	-	-	-	87.3	90
														-	2.0	-	89.8	90
														-	-	8.3	97.7	100
														3.5	-	-	91.7	100
														3.5	2.0	-	94.2	100
														3.5	-	8.3	102	110
DSC3007W	575/3/60	2	13.8	109	5	0.5	1.0	2	5.0	7.2	-	-	-	-	-	-	50.4	60
											-	-	-	-	2.0	-	52.4	60
											-	-	-	-	-	8.3	58.7	70
											-	-	-	3.5	-	-	53.9	60
											-	-	-	3.5	2.0	-	55.9	60
											-	-	-	3.5	-	8.3	62.2	70
											EH**-7L30	28.8	27.7	-	-	-	52.6	60
														-	2.0	-	55.1	60
														-	-	8.3	63.0	70
														3.5	-	-	57.0	60
														3.5	2.0	-	59.5	60
														3.5	-	8.3	67.4	70
											EH**-7L45	43.2	41.6	-	-	-	70.0	70
														-	2.0	-	72.5	80
														-	-	8.3	80.3	90
														3.5	-	-	74.3	80
														3.5	2.0	-	76.8	80
														3.5	-	8.3	84.7	90
											EH**-7L60	57.6	55.4	-	-	-	73.4	80
														-	2.0	-	75.9	80
														-	-	8.3	83.8	90
														3.5	-	-	77.8	80
														3.5	2.0	-	80.3	90
														3.5	-	8.3	88.2	90
											EH**-7L75	72.0	69.3	-	-	-	87.3	90
														-	2.0	-	89.8	90
														-	-	8.3	97.7	100
														3.5	-	-	91.7	100
														3.5	2.0	-	94.2	100
														3.5	-	8.3	102	110

AIR FLOW FOR ELECTRIC HEAT					
UNIT	HEATER KIT MODEL NUMBER	KW	STAGES	MINIMUM CFM	MAXIMUM CFM
15 ton AC STD Static	EH*-L30	30	2	6000	8000
	EH*-L45	45			
	EH*-L60	60			
15 ton AC High Static	EH*-L30	30	2	5250	9500
	EH*-L45	45			
	EH*-L60	60			
20 ton AC STD Static	EH*-L30	30	2	7000	9400
	EH*-L45	45			
	EH*-L60	60			
	EH*-L75	75			
20 ton AC High Static	EH*-L30	30	2	7000	10300
	EH*-L45	45			
	EH*-L60	60			
	EH*-L75	75			
25 ton AC STD Static	EH*-L30	30	2	8750	11000
	EH*-L45	45			
	EH*-L60	60			
	EH*-L75	75			
25 ton AC High Static	EH*-L30	30	2	7500	11700
	EH*-L45	45			
	EH*-L60	60			
	EH*-L75	75			

HEATER KIT MODEL NUMBER NOMENCLATURE

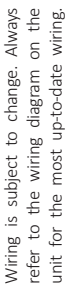
	E	H	X	-	3	L	30
	1	2	3	-	4	5	6,7
Electric							
Heater							
Heater Type							
X							
S							
Voltage							
3							
4							
7							
Chassis							
L							
Kilowatt							
30							
45							
60							
75							

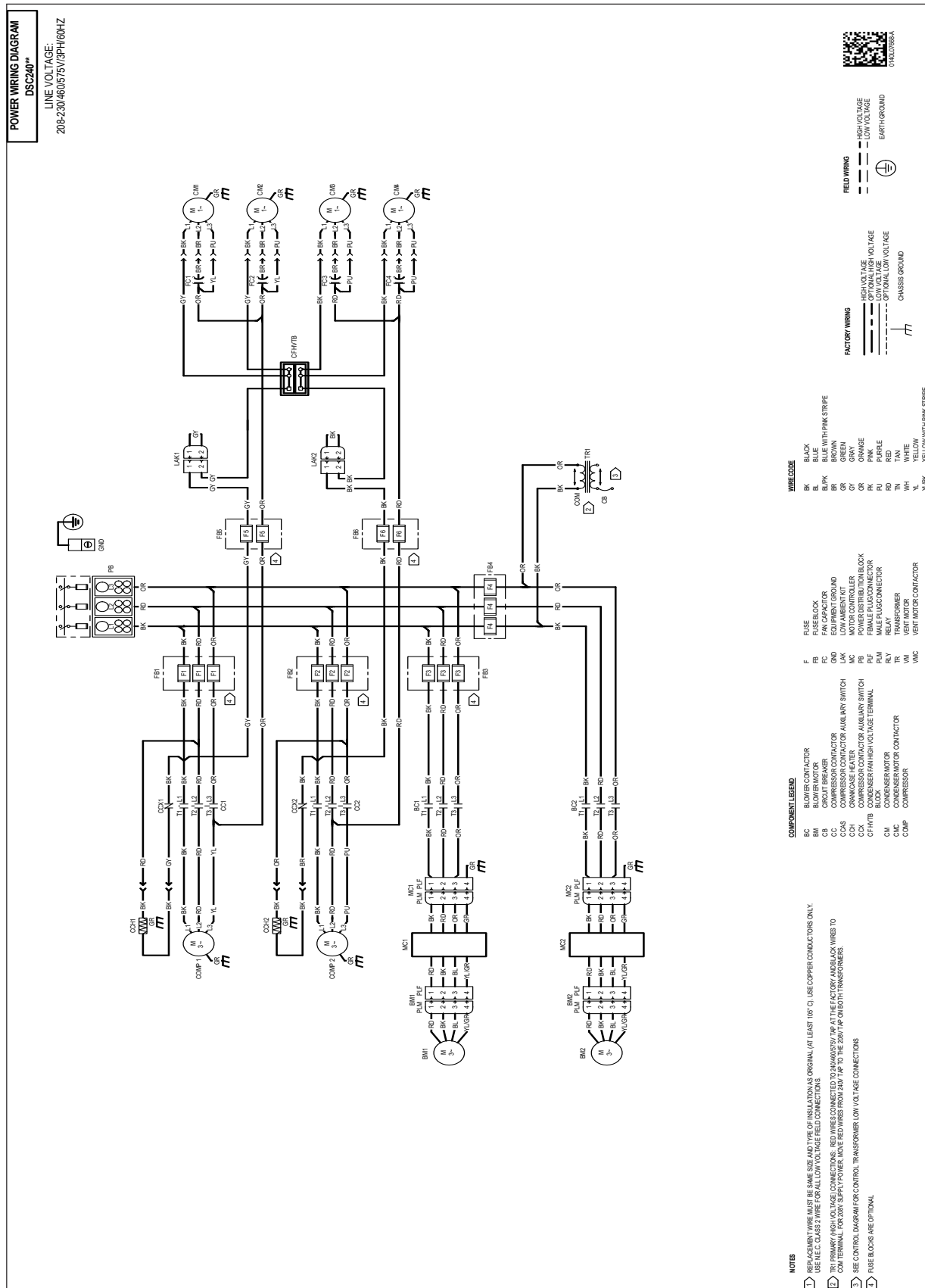


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

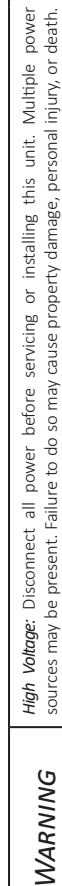




Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

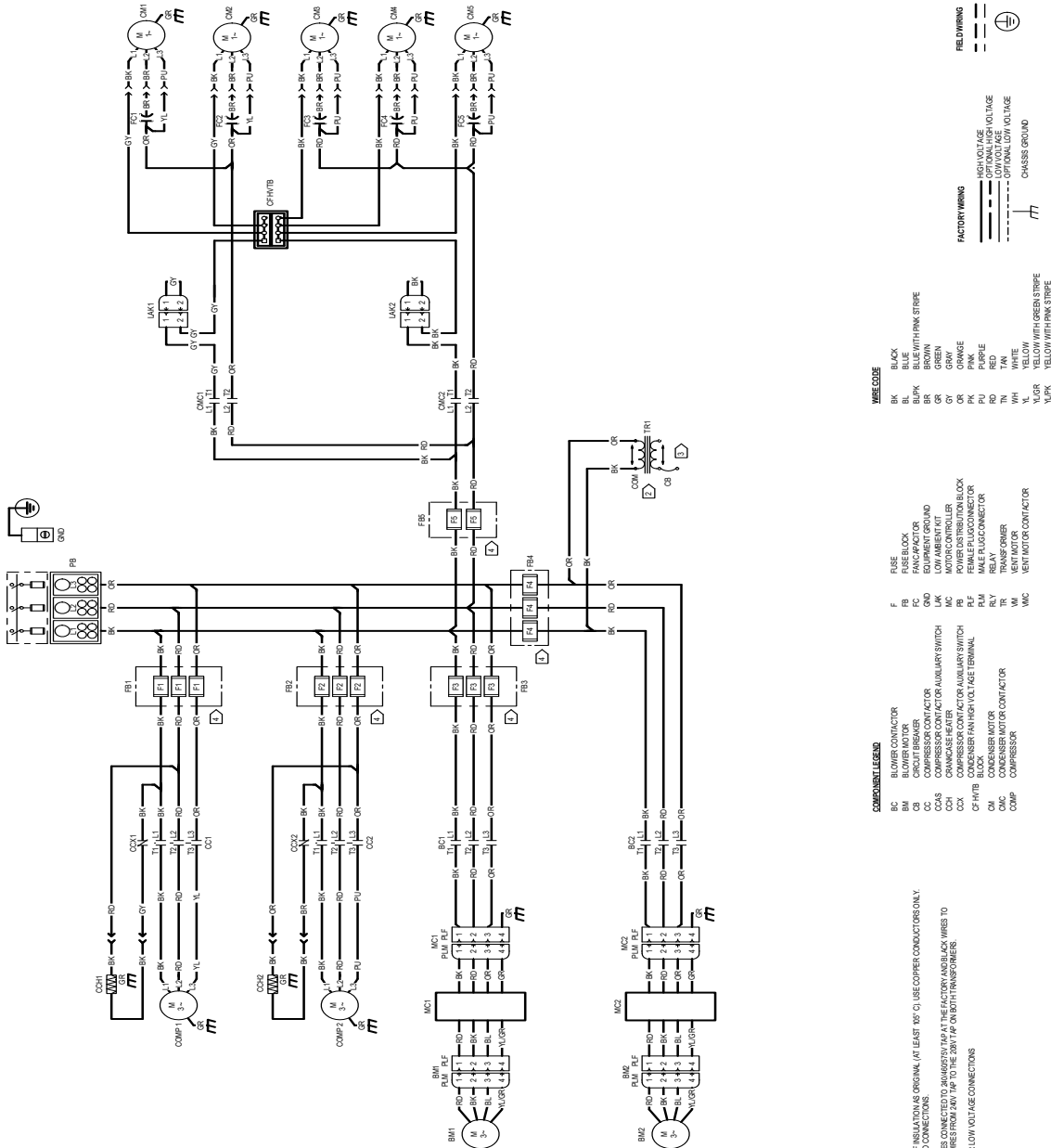
WARNING

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POWER WIRING DIAGRAM
DSC300**

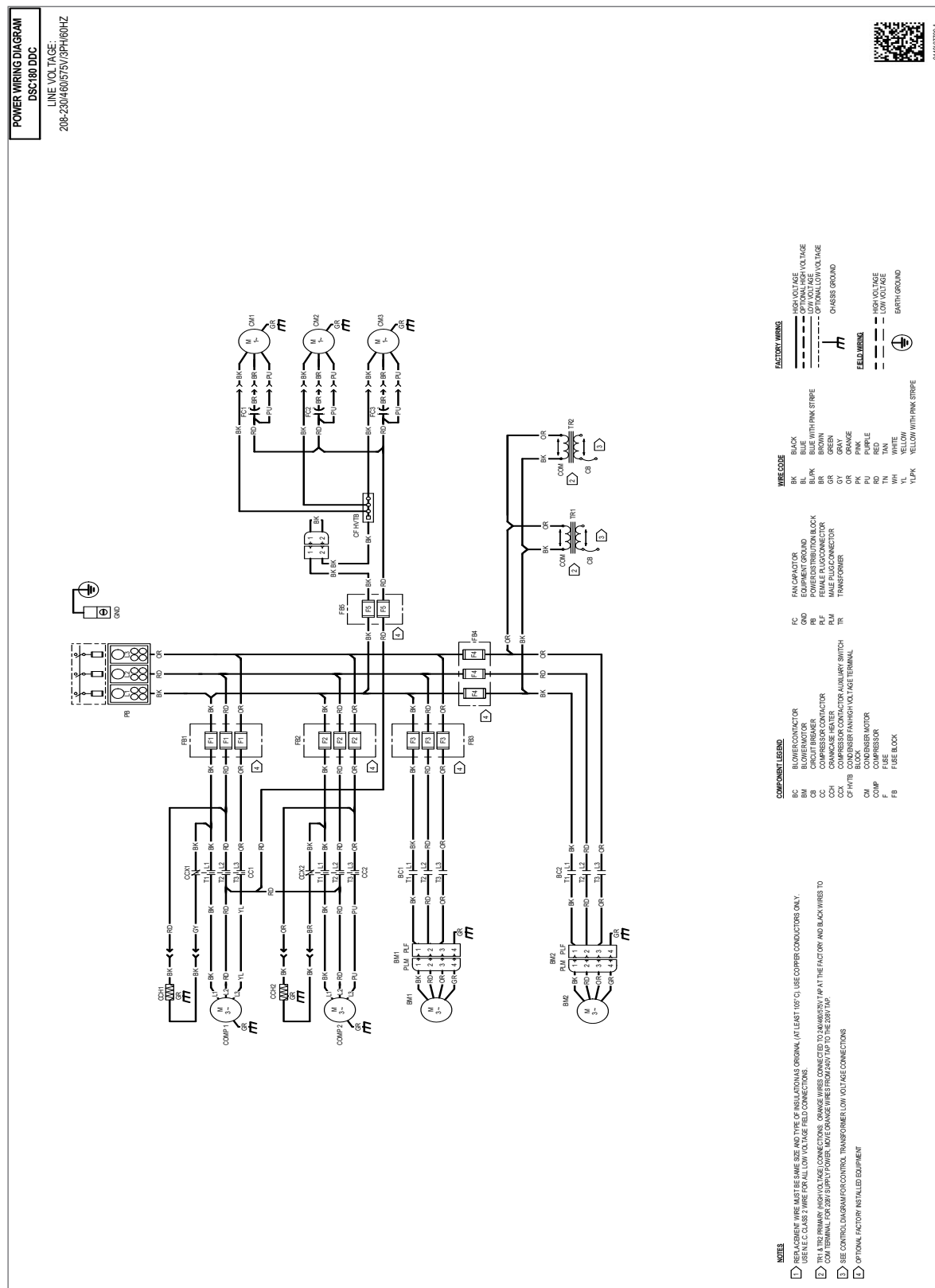
LINE VOLTAGE:
208-230/460/575V/3PH/60HZ



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

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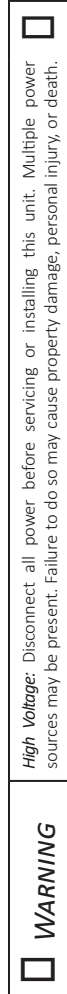
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

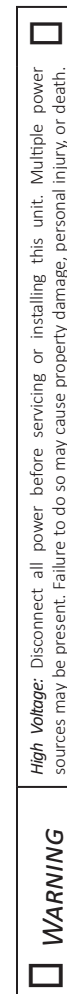


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



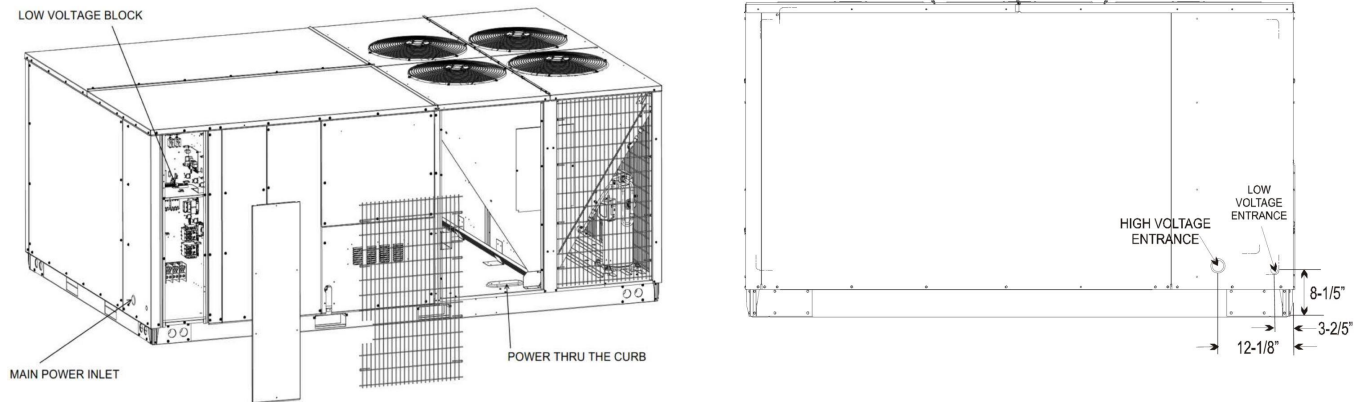


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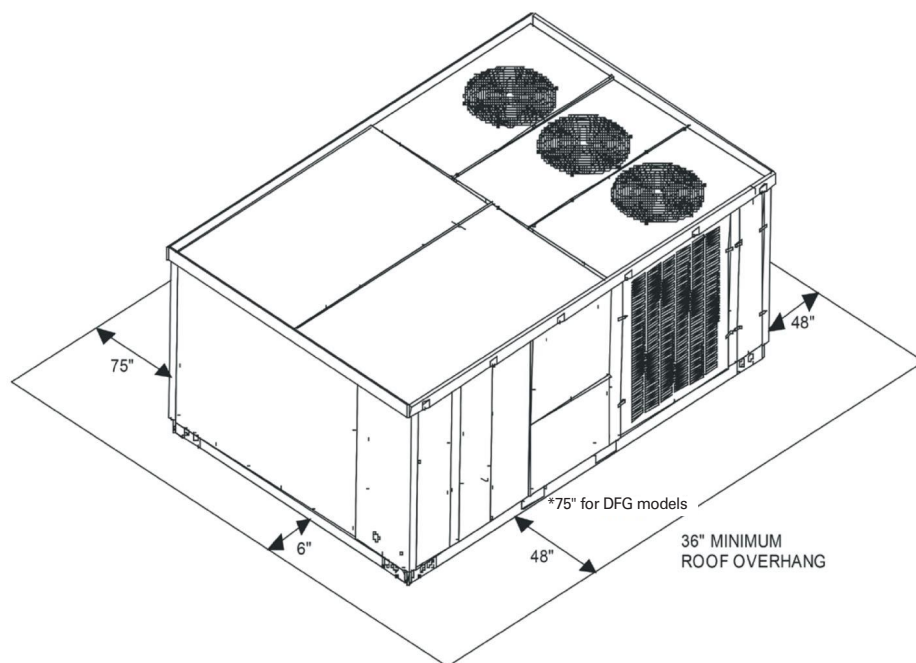
Unit Clearances

Electrical Entrance Locations



Service Clearance

Allow for recommended service clearances as shown in the image below. In situations that have multiple units, a 36" minimum clearance is required between the condenser coils. A clearance of 48" is recommended on all sides of the unit to allow service access and to ensure proper ventilation and condenser airflow. The top of the unit should be unobstructed. Provide a roof walkway along the sides of the unit for service and access to controls and components. Contact your Daikin sales representative for service requirements less than those recommended.



Unit Location

The structural engineer must verify that the roof has adequate support and ability to minimize deflection. Take extreme caution when using on a wooden roof structure. Unit condenser coils should be in a location that avoids any heated exhaust air.

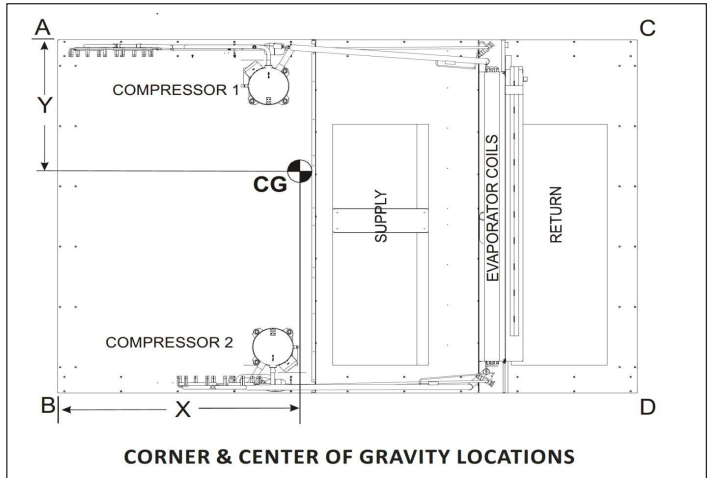
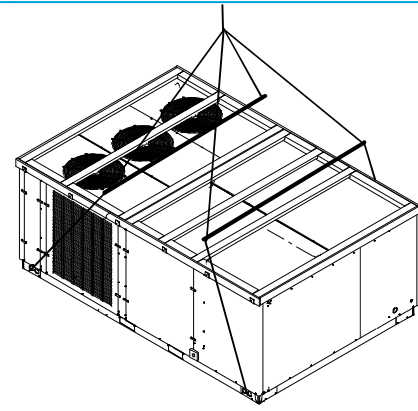
Allow sufficient space around the unit for maintenance/service clearance. Consult your Daikin sales representative if available clearances do not meet minimum recommendations.

Where code considerations, such as the NEC, require extended clearances, these take precedence.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- » Unit must be lifted by the four lifting holes located at the base frame corners.
- » Lifting cables should be attached to the unit with shackles.
- » The distance between the crane hook and the top of the unit must not be less than 60".
- » Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from forklift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual. Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end. Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct. For further and more detailed information please refer to our Daikin Light Commercial Packaged unit IOD.



Roof Curb Installation

The roof curb is field-assembled and must be installed level (within 1/16" per foot side to side). A sub-base must be constructed by the contractor in applications involving pitched roofs. Gaskets are furnished and must be installed between the unit and curb. For proper installation, follow NRCA guidelines. In applications requiring post and rail installation, an I-beam securely mounted on multiple posts should support the unit on each side. In addition, the insulation on the underside of the unit should be protected from the elements. Applications in geographic areas subjected to seismic or hurricane conditions must meet code requirements for fastening the unit to the curb and the curb to the building structure.

Weights

MODEL	SHIPPING WEIGHT (LBS)	%OPERATING WEIGHT (LBS)	CORNER WEIGHTS (LBS)				LENGTH X (in)	WIDTH Y (in)
			A	B	C	D		
DSC1803D000001S	1851	1736	510	377	374	475	65½	45⅝
DSC1804D000001S	1851	1736	510	377	374	475	65½	45⅝
DSC1807D000001S	1851	1736	510	377	374	475	65½	45⅝
DSC2403D000001S	2204	2089	651	498	377	563	60¾	48⅞
DSC2404D000001S	2204	2089	651	498	377	563	60¾	48⅞
DSC2407D000001S	2204	2089	651	498	377	563	60¾	48⅞
DSC3003D000001S	2244	2129	651	501	440	538	61½	45⅝
DSC3004D000001S	2244	2129	651	501	440	538	61½	45⅝
DSC3007D000001S	2244	2129	651	501	440	538	61½	45⅝

For details on accessories refer to document **PM-LC-ACCESSORIES**